Individualized Healthcare Plan – Diabetes with injection Healthcare Provider Orders

EFFECTIVE DATE:						End Date:			
S	STUDENT'S NAME:						:h:		
D	DIABETES HEALTHCARE PROVIDER INFORMATION Name:								
	Phone #: Fax #: Email								
S	СНО	OL INFORMATION:	•		School Nurs				
	me:				Name:				
Sc	hool	Fax:			Phone:				
	Мс	nitor Blood Gluc	ose – test						
	If student has symptoms of high or, without it.			hout moving stud	dent , low blood g	lucose			
		Before breakfast		☐ After lund			Before exercise/PE		
		Before mid-morning si	nack	_	ternoon snack		•		
	Ш	Before lunch Where to test:	☐ Classroom [aving school Other:		Other:		
				ng student if has			 5		
	Ro	utine Daily Insul					blood glucose:		
	Inc	ulin Delivery: ☐ Syr	inge/vial 🗌 Pen	Time to be g	iven: Before I	unch ONLY	Other:		
		e: \square rapid acting (Hu	_	□ Uso corro	ction scale		Check ketones if nausea,		
INJECTION		dra) 🗌 regular or 🔲 ot			icose range I	nsulin units	vomiting or abdominal pain		
TI	_				mg/dl		OR if blood glucose >300 twice when tested 3 hours		
EC	Ш	☐ Calculate insulin dose for carbohydrate intake: Give unit(s) of rapid-acting insulin for grams of carbohydrate. Give at: ☐ breakfast ☐ AM snack			mg/dl		apart.		
S					mg/dl		Give units of rapid-		
BY]					mg/dl		acting insulin for moderate		
					mg/dl		and units for large		
Œ					<u>. </u>		ketones.		
EA.	OR □	☐ lunch ☐ PM sn	iack parties.		mg/dl		Repeat ketone test in 2		
TREATED		Standard daily insulin	injection:	Uso Form	mg/dl ula to calculate co	rraction	hours, and repeat additional insulin if		
		Type Dose	Time	dose	uia to calculate co	<u>orrection</u>	moderate or large ketones		
ETE					ucose ÷) =	are still present.		
۸BI				un	its of insulin.				
DIABETES							ection doses may be combined.		
	_						than once every 2 to 3 hours.		
WITH	Exercise and Sports Student should monitor blood glucose hourly. Parent (Guardian Authority to Adjust Insulin Dose								
TS V	Parent/Guardian Authority to Adjust Insulin Dose ☐ Increase or decrease correction scale ☐ +/-10% ☐ +/-20%								
						□ +/-20%			
DE	☐ Increase or decrease insulin-to-carbohydrate ratio ☐ +/-10% ☐ +/-20% Other Health Concerns and Medications								
STUDEN		er health concerns:			Allergies:				
S	П			IM or SC per thigh					
						Times to be give	en:		
		Other medication(s)/dose:			Times to be		en:		
							en:		
	HC	P Assessment of	Student's Di	abetes Manag	ement Skills	<u>: </u>			
	Skill Independent Nee			Needs supervis	ion Cannot d	O Note:			
		neck blood glucose							
		ount carbohydrates							
		alculate insulin dose jection							
Н		THCARE PROVIDER	2		L	Date:			
	SIGNATURE/STAMP:								

Individualized Healthcare Plan – Diabetes with Pump Healthcare Provider Orders

E	FECTIVE DATE:		End Date:						
Ś	TUDENT'S NAME:		Date of Birth:						
D	ABETES HEALTHCARE PROVIDER INFORMATION	Name:							
Ph	one #: Fax #:		Email						
S	CHOOL INFORMATION:	School Nurse	e:						
	me:	Name:							
Sc	hool Fax:	Phone:							
	Monitor Blood Glucose - test ☐ If student has symptoms of high or low blood glucose ☐ Before breakfast ☐ After lunch ☐ Before exercise/PE ☐ Before mid-morning snack ☐ Before afternoon snack ☐ After exercise/PE ☐ Before lunch ☐ Before leaving school ☐ Other: ☐ All test results should be entered into pump to determine need for bolus correction. ☐ Where to test: ☐ Classroom ☐ Health office ☐ Other: ☐ Other: ☐ Without moving student if has low blood glucose symptoms								
	Insulin Pump Information	g or NovoLog or Apidr	ra by pump						
	Basal rates during school: Place pump on suspend when blood glucose is less than mg/dl.		-						
PUMP	Pump settings should not								
	Carbohydrate Bolus		olus for Hyperglycemia						
ВУ	Give 1 unit of insulin per Time		of insulin for eachmg/dl of blood glucose blood glucose ofmg/dl.						
ED	gm carbohydrate at breakfast	Check ketones if nausea, vomiting or abdominal pain OR if							
ATI	gm carbohydrate at AM snack	blood glucose >300 twice when tested 3 hours apart.							
TREATED	gm carbohydrate at lunch	 Via syringe, give units for moderate and units of rapid-acting insulin for large ketones. Repeat blood 							
	gm carbohydrate at PM snack		t in 2 hours, and repeat additional insulin if						
DIABETES	Bolus should occur: before eating, or other:	moderate or large ketones are still present. Do not give correction dose of insulin more than once every 2 to 3 hours.							
717	If infusion set comes out or peeds to be shanged. Change s								
	If infusion set comes out or needs to be changed: ☐ Change set at school ☐ Insulin via syringe every 3 hours Exercise and Sports with Pump								
WITH	Temporary Basal Decrease: ☐ No ☐ Yes (% or units for minutes or ☐ duration of exercise) ✓ Student should monitor blood glucose hourly.								
ITS	HCP Assessment of Student's Diabetes Manag	gement Skills:							
DENTS	Skill Independent Nee	ds supervision	Cannot do Notes:						
	Check blood glucose								
STU	Count carbohydrates Calculate insulin dose								
	Change infusion set								
	Injection								
	Trouble shoot alarms, malfunctions								
	Parent/Guardian Authority to Adjust Insulin L								
	☐ Increase or decrease correction ☐ +/-10% ☐ +/-20%								
	Other Medications and Health Concerns								
	Other health concerns:	Allergies:							
	Glucagon Dose: IM or SC per thigh								
	Oral diabetes medication(s)/dose:								
	Other medication(s)/dose:	Ti	mes to be given:						
Н	EALTHCARE PROVIDER		Date:						
S	GNATURE/STAMP:								

STUDENT'S NAME: Student's usual HIGH blood glucose symptoms: ALGORITHMS FOR BLOOD GLUCOSE RESULTS Hyperglycemia Emeraency levels Student's usual LOW blood glucose symptoms: Extreme thirst Increased thirst, dry _ Shaky or jittery Uncoordinated mouth Nausea, vomiting _ Sweaty Irritable, nervous Frequent or increased Severe abdominal CHECK BLOOD GLUCOSE _ Hungry _ Argumentative urination pain _ Pale Combative Fruity breath Change in appetite, Changed personality Headache Heavy breathing, nausea Blurry vision Changed behavior Blurry vision shortness of breath Sleepy Unable to concentrate Fatique Increasing sleepiness, Weak, lethargic Dizzv Other letharay 126-300 Below 70 70 - 90**ABOVE 300** 91-125 1. Give 15 gm fast-acting 1. Give 15 gm fast-acting Student may eat No action STUDENT TREATED BY **PUMP** carbohydrate carbohydrate. before exercising needed. 1. If 2-3 hours since last bolus, treat with or recess. a. If meal or snack is within 30 2. Observe for 15 minutes correction bolus via pump. Re-check in

- 3. Retest blood alucose.
 - a. If less than 70, repeat 15 gm carbohydrate.
 - b. If over 70, give carbohydrate and protein snack (e.g., crackers and cheese) if not eating a meal within an hour.
- 4. Notify school nurse and parent if no improvement
- 5. Student should not exercise

CALL 911 if student becomes unconscious, seizures or is unable to swallow

- o Turn student on side to ensure open airway
- o Give glucagon as ordered. Keep student in recovery position on side.
- o If on insulin pump, either place it in 'suspend' or stop mode, disconnect it at the pigtail or clip, or cut tubing. If pump was removed, send it with EMS to the hospital.
- Notify school nurse, parent and HCP
- o Wait 15 minutes; if no response, repeat glucagon.
 - o If responsive, offer juice. Wait 15 minutes and give protein & carbohydrate snack.

- minutes, no additional carbs are needed.
- b. If student is not going to eat within 30 minutes, give carbohydrate and protein snack.

If student's blood glucose result is immediately following strenuous activity, give 15 gm carbohydrate snack.

15 GM FAST-ACTING CARBOHYDRATE =

- ½ c. juice
- 3-4 glucose tablets
- Tube of glucose gel
- ½ c. regular (not diet) soda
- 6-7 small sugar candies (to chew)
- 1 c. skim milk

Do not give chocolate

STUDENT TREATED BY

INJECTION

- 1. Use correction scale or formula at lunch or every 2-3 hours
- 2. Check ketones if symptoms or if blood glucose>300 twice in a row:
 - a. If ketones are absent or small, encourage exercise and water
 - b. If ketones moderate or large:
 - · No exercise; give water
 - Add units of insulin per orders
- 3. Notify school nurse and parent
- 4. Provide free, unrestricted access to water and the restroom.

- 2- 3 hrs. Trouble shoot pump function.
- Check for redness at site, tubing for kinks or air bubble, insulin supply
- 2. If blood glucose still ≥ 300 mg/dl and not explained, check ketones:
 - a. If ketones are absent or small, encourage exercise and water
 - b. If ketones moderate or large:
 - Give insulin correction dose per orders via syringe.
 - No exercise; encourage water
- 3. Change infusion set or continue insulin injections every 2-3 hours via syringe.
- 4. Notify school nurse and parent
- 5. Provide free, unrestricted access to water and the restroom.

CALL 911 if the student vomits, becomes lethargic and/or has labored breathing. Notify school nurse, parent and HCP.

EXERCISE AND SPORTS

- ✓ Assure has quick access to water for hydration, fast-acting carbohydrates, snacks and monitoring equipment.
- ✓ Student should not exercise if blood glucose level is below 70 mg/dl or if has moderate to large ketones.

Never send a child with suspected low blood glucose anywhere alone.

INDIVIDUALIZED HEALTHCARE PLAN - DIABETES SCHOOL AND PARENT PART STUDENT'S NAME: **PLAN EFFECTIVE** DATE: Diabetes information Date of Diagnosis: Student's photo ☐ Diabetes Type 1 ☐ Diabetes Type 2 ☐ Other SCHOOL INFORMATION Grade: Teacher: 504 plan on file: ☐ Yes ☐ No **CONTACT INFORMATION:** Parent/Guardian 1: Name Call first □ Phone numbers: Home Work Cell Other Parent/Guardian 2: Name Call first □ Phone numbers: Home Cell Other Work Relationship: Other/emergency: Name: Other Phone numbers: Home Work Cell Student treated by pump: Additional Times to Contact Parent... Blood Glucose test out of target range Student treated by injection Carbohydrate bolus Blood Glucose test out of target range Correction bolus Routine Daily Insulin injections Infusion set comes out/needs to be replaced Correction dose STUDENT DIABETES SELF-MANAGEMENT PLAN Student will manage diabetes Trained staff will supervise student self-care Trained staff will provide care independently Verify blood glucose test Test blood glucose Check carbohydrate count Count carbohydrates Student has signed Confirm dose Calculate insulin dose and inject as above Agreement for Student Supervise insulin self-injection Provide insulin injection Independently Managing Monitor bolus administration Administer bolus Diabetes Trouble shoot pump alarms, malfunction Trouble shoot pump alarms, malfunction Watch infusion set change Change infusion set Comment: Time Notes Monitor/Remind Student Food at a classroom/school party: **FOOD PLAN** Yes No □ Student will eat treat Breakfast Replace the treat with a parent-supplied alternative Morning snack Put in baggie to take home with teacher note Lunch Student should not eat treat Afternoon snack Extra snack Before exercise After exercise **BUS TRANSPORTATION PLAN** Bus transportation: ☐ Home Student may test blood glucose and Test blood 10-20 minutes before boarding school bus home. Student must have blood glucose > self-manage **70** mg/dl to board bus; if \leq 70, provide care based on algorithm and call to have student picked up. diabetes while on Blood test not required. the bus. FIELD TRIPS ☑ School nurse to be notified two weeks before the field trip to assure qualified personnel are available. All diabetes supplies are taken and care is provided according to this Plan (copy to accompany trip). Lunch and snack times should not change. SCHEDULED AFTER- OR BEFORE-SCHOOL ACTIVITIES List of clubs, sports, etc. that student anticipates: If parent wants trained staff coverage for an activity, parent will notify school nurse two weeks before it begins

STUDENT'S NAME: PLAN EFFECTIVE DATE:										
	☑ Means student uses this item AND parent will provide.									
	☐ Blood Glucose Test Kit									
	☐ Meter☐ Test strips☐ Lancing device and lancet	☐ Sharps container ☐ cotton ☐ spot ba cleaner/alcohol swabs			Glucose me	eter brand/	model:			
	☐ Insulin	-	·							
	Treatment by Injection Insulin pen Pre-filled syringes (labeled per dose) Insulin vials and syringes	Treatment by Pump Pump syringe Pump tubing/nee Batteries Tape	edle Sof-serter Insulin vial syringes	and	Infusion se	t type:	-			
_		Pump type	□ Animae		□ Omnined					
Y LIS		Medtronic MiniMed www.minimed.com (800) 826-2099	☐ Animas <u>www.animas.con</u> (877) 767-7373							
SUPPLY LIST	☐ Low Blood Glucose (5-da ☐ Fast-acting carbohydrate drini ☐ Pre-packaged snacks (e.g., cr ☐ Supply of fast-acting glucose	k (apple juice, orange juic ackers with cheese or pea	nut butter, nite bite),	≥ 5 servir	ngs	ers				
	Glucagon Kit	, , ,	, , , , , , ,							
	☐ High Blood Glucose									
	☐ Urine ketone test strips/bottle	e 🔲 Urine cup 🔲	Water bottle (Tir	ning devi	ce may be w	all clock or	watch)			
	3-day Disaster Kit Complete daily insulin dose schedule (separate page) Other medications, including glucagon kit Blood glucose test kit (testing strips, lancing device, lancets, meter batteries) Urine ketone strips/plastic cup Vial of insulin and 6 syringes; insulin pens and supplies Antiseptic wipes or hand sanitizer Insulin pump and pump supplies 3-day food supply with meal plan Hypoglycemia treatment supplies, ≥ 3 episodes Other:									
	☐ Other									
S	With In student classroor	In health Other office		With student	In classroom	In health office	Other			
TION	Daily breakfast, snacks and lunch		Blood glucose test kit Extra kit							
ĊĀ.	Extra snacks		Pump supplies							
PLY LOCATIONS	Low blood glucose supplies		Insulin Daily use Extra/emergency							
Supp	High blood glucose supplies		Disaster Disaster food							
S	Other									
	SIGNATURES As parent/guardian of the above-named student, I give permission for the school nurse and/or other trained staff of									
	(school) to perfor	m and carry out the diabe	tes care tasks as outlir	ned in this	i Individualiz	ed Healthca	are Plan.			
0	I have reviewed this plan and agree with the indicated instructions. I understand that the school is not responsible for									
0	equipment loss or damage, or expenses associated with these treatments and procedures. I understand that the information contained in this plan will be shared with other school staff on a need-to-know basis.									
0	*									
0 0										
0	equipment.	mening the necessary su	spires, silacks, blood y	ideose ille	inculcat	.ono unu ot				
Stı	ıdent's parent/guardian	Date Studer	nt's parent/guardian		Date					
Sc	nool nurse	Date								

INDIVIDUALIZED HEALTHCARE PLAN - DIABETES School Nurse and Parent-Authorized Trained Staff Coverage Worksheet

School	nurse	will be	on-site
SCHOOL	IIUISE	will be	UII-SILE

	Mon	Tue	Wed	Thurs	Fri	Notes/comments
First period						
Second period						
Third period						
Fourth period						
Fifth period						
Sixth period						
Seventh period						
Field Trip						
Before school starting AM						
After school ending PM						
Other						

Notes/comments:	

Staff person's Name	Day(s) responsible	Time(s) responsible	Contact phone
	M T W Th F	From: To: or Period:	
	□ M □ T □ W □ Th □ F	From: To: or Period:	
	M T W Th F	From: To: or Period:	
	□ M □ T □ W □ Th □ F	From: To: or Period:	
	M T W Th F	From: To: or Period:	
	M T W Th F	From: To: or Period:	
	M T W Th F	From: To: or Period:	
	M T W Th F	Before school startingAN	1
	M T W Th F	After school endingPN	ı
	Field trip		
	Other		
	Other		

Attach if needed

- ☐ Delegation training completion
- Parent delegation authorization
- □ more..

AGREEMENT FOR STUDENTS INDEPENDENTLY MANAGING THEIR DIABETES

Student: Grade:							
Student							
☐ I agree to dispose of any sharps either by keeping them in my kit and taking them home, or placing them in the sharps container provided at school.							
☐ I will notify the health office if my blood sugar is below mg/dl or above mg/dl.							
☐ I will not allow any other person to use my diabetes supplies.							
☐ I plan to keep my diabetes supplies:							
☐ With me							
☐ In the school health office							
☐ In an accessible and secure location ()							
☐ I will seek help in managing my diabetes from if I need it.							
☐ I understand that the freedom to manage my diabetes independently is a privilege and I agree to abide by this							
contract.							
Student's signature: Date:							
Parent/Guardian							
☐ I agree that my child can self-manage his/her diabetes and can recognize when he/she needs to seek help from a							
staff member.							
I will provide back-up supplies to the health office for emergencies.							
 I understand that this contract is in effect for the current school year unless revoked by my son/daughter's physic or my son/daughter fails to meet the above safety guidelines. 	an						
Parent's signature: Date:							
School nurse							
☐ I will assure that school staff members that need to know about this student's condition and that he/she must to							
carry their diabetes supplies with them have been notified.							
School Nurse's signature:Date:							

ALASKA INDIVIDUALIZED HEALTHCARE PLAN – DIABETES WITH INJECTION OR WITH PUMP

Instructions

Purposes:

This healthcare plan is for all students with diabetes that monitor blood glucose at school and/or are on insulin or other hypoglycemic medication and/or have a glucagon prescription.

- 1. Healthcare providers should use it to prescribe a particular treatment regimen including medication(s) for school (HEALTHCARE PROVIDER ORDERS pages)
 - a. It documents the ability level of the student to self-manage their diabetes.
 - b. It provides the medical parameters for management of an individual student's diabetes in the school setting.
- 2. It describes the standard of care for school staff to follow based on blood glucose test results and is the *Emergency Care Plan* for students with diabetes. (ALGORITHMS FOR BLOOD GLUCOSE RESULTS page)
- 3. School nurses and parents should use it to plan and implement individualized health interventions in the school setting, based on the Healthcare Provider Orders page. (SCHOOL AND PARENT PART pages)
 - a. To support quality assurance of school health services.
 - b. To document parental wishes for diabetes management-related contact by school staff.
 - c. To document diabetes supplies needed at school, their locations and parental responsibility for maintaining certain supplies at school.
 - d. To facilitate a safe process for the delegation of diabetes-management tasks to trained unlicensed school staff, as needed.
- 4. School nurses and parents *may* use it to identify times when the school nurse will not be available to provide diabetes management assistance and plan for coverage by trained school staff. (SCHOOL NURSE AND PARENT-AUTHORIZED TRAINED STAFF COVERAGE WORKSHEET)

While current, this form should be kept in the school health office or with the staff member who is assisting with the health management of the student.

Process:

- 1. Healthcare provider completes either the WITH INJECTION or the WITH PUMP page of the form to describe anticipated medications/treatment needs for the entire school year, and sends it to the school nurse (if known) and/or the student's parent to brings into the school.
 - a. If medications and/or treatment change during the school year, a new form should be completed. Fax only the page with new orders to the school.
 - b. Most categories are self-explanatory. On either form, check all boxes that apply and add information as appropriate.

DIABETES WITH INJECTION notes:

- In the Routine Daily Insulin Injection box, there are three options for Type. NPH and Lantis are examples of "other." The relevant doses/times for these injections would be listed in the "Standard daily insulin injection" table.
- Instructions in the *Correction insulin dose for high blood glucose* box are for a routine day as correction dosing is generally given at mealtime, which means that:
 - Action directed by the algorithm page supersedes "before lunch only" when it is checked because it
 is based on the student's symptoms and blood glucose levels.
 - The "Do not give insulin correction dosing more often than every 2 to 3 hours" statement applies to symptomatic treatment based on blood glucose levels in most instances.

- In the Parent/Guardian Authority to Adjust Insulin Dose box, parental authority to adjust the dose by 10-20% allows the parent to recommend a dose adjustment to the nurse which the nurse could follow without contacting the health care provider if that dose is within the range % allowed. If the dose recommended by the parent falls outside of the range, either smaller or larger, the nurse would need to contact the health care provider to verify the dose.
- c. Healthcare provider signs and dates the WITH INJECTION or WITH PUMP page and faxes or sends the orders to the school.
- 2. While meeting with the school nurse, the parent uses the boxes at the top of the ALGORITHMS page to indicate which of the symptoms of low and high blood sugar generally occur for their child.
- 3. Together, the school nurse, parent and the student, if student is self-managing his/her diabetes, complete the SCHOOL AND PARENT PART of the form.
 - a. Most categories are self-explanatory. Check all boxes that apply and add information as appropriate.
 - In the Student Diabetes Self-Management Plan box:
 - The repeated skills list (from the healthcare provider section) allows parent input and school nurse
 assessment of the student skill level and the level of supervision or assistance needed. If the student skill
 level increases during the school year, this section allows the school nurse and parent to adjust the selfmanagement plan accordingly.
 - o "Trained staff" (right-side column) in this instance includes the school nurse.
 - For "Change infusion set" under "Trained staff will provide care", the school nurse is typically the only
 trained staff changing the infusion set for a student on a pump. Add this comment when needed.
 - The SUPPLY LIST is intended to promote best practice. Generally, it should be interpreted by the nurse and the parent as a guide.
 - If the parent is unable to provide urine ketone test strips, contact the American Diabetes Association (907 272-1424).
 - b. Parents and School Nurse sign and date the SCHOOL AND PARENT PART. If student will be self-managing, student signs the STUDENT SELF-MANAGEMENT AGREEMENT.
 - c. Update as needed and/or on a yearly basis.
- 4. The school nurse may use the WORKSHEET page to identify times when he/she will regularly be unavailable to assist the student with diabetes management and plan for coverage by trained school staff.
- 5. File the entire document with student's health record at the end of the year or upon student withdrawal.